197
13.07. 22.

1.CHINA CIVIL ENGINEERING CONSTRUCTION CORPORATION BALKAN, OGRANAK BEOGRAD, Batajnički drum 3deo 6A, 11080 Beograd, PIB:109874997, Matični broj :29507031, broj računa: 385-0202050005175-18 Bank of China Srbija A.D. Beograd, koga zastupa Xue Hongxi(u daljem tekstu: Naručilac), na sledeći način:

2.Antikor DOO Beograd, specijalizovano privredno društvo za poslove antikorozione zaštite, MB: 07007060, PIB: 100000571, direktor: Miloš Tatomir (u daljem tekstu: Izvođač)

Dana 13.07.2022. godine zaključuju sledeći:

PODIZVOĐAČKI UGOVOR

ČLAN 1. PREDMET UGOVORA

1.1.Predmet ovog Ugovora je izvođenje radova u svemu prema ponudi Izvođača br.43-1/DŠ od 01.07.2022., usvojenoj od strane Naručioca, a koja čini sastavni deo ovog Ugovora.

ČLAN 2. VREDNOST RADOVA

2.1. Ugovorne strane utvrđuju da cena za izvođenje radova iz člana 1. Ugovora iznosi 110.990,75€ bez PDV-a

2.2. Konačna količina i vrednost radova po ovom Ugovoru utvrđuje se na bazi stvarno izvedenih količina radova overenih u građevinskoj knjizi od strane stručnog nadzora i usvojenih jediničnih cena iz ponude.

1.CHINA CIVIL ENGINEERING CONSTRUCTION CORPORATION BALKAN, BRANCH BELGRADE, Batajnički drum 3deo 6A ,11080 Belgrade, PIB:109874997, Registration number:29507031, account number: 385-020205005175-18 Bank of China Serbia A.D. Beograd, represented by Mr. Xue Hongxi (hereinafter: The Contractor), as follows:

2.Antikor DOO Belgrade, specialized company for anti-corrosion protection, IN: 07007060, TIN: 100000571, director: Miloš Tatomir (hereinafter: the Subcontractor)

On July 13, 2022 conclude the following:

SUBCONTRACTOR AGREEMENT

ARTICLE 1. SUBJECT OF THE CONTRACT

1.1. The subject of this Contract is execution of works, in all according to Offer No. 43-1/DŠ from July01, 2022., accepted by the Contractor, which is an integral part of the Agreement.

ARTICLE 2. VALUE OF WORK

2.1. The Contracting Parties determine that the price for the performance of work referred to in Article 1 of the Contract is € 110.990,75 excluding VAT.

2.2. The final quantity and value of work under this Contract shall be determined on the basis of the actually performed quantities of work certified in the construction book by the expert supervision and the adopted unit prices from the offer.

2.3. Cena obuhvata vrednosti rada, dobara i usluga neophodnih za izvršenje Ugovora.

ČLAN 3. NAČIN PLAĆANJA

3.1. Plaćanje će se izvršiti na sledeći način:

- Avansno u iznosu od 15% od ukupne vrednosti radova, pre početka radova;

Izvođač će dostaviti Naručiocu bankarsku garanciju za povraćaj avansa u iznosu od 15% od procenjene vrednosti radova, sa rokom važnosti dok se ukupan iznos avansa ne vrati Naručiocu kroz mesečne/konačnu situaciju u iznosu od 15% od svake mesečne/konačne situacije (ne uključujući avansno plaćanje).
Iznos ove bankarske garancije će se smanjivati za svaki iznos avansa vraćen kroz mesečne/konačnu situaciju.

- Preostali deo plaćanja biće izvršen u roku od 30 dana od dana dostavljanja mesečne/konačne situacije Izvođaču.

- Plaćanje će se vršiti po srednjem kursu Narodne banke Srbije koji važi na dan uplate.

ČLAN 4. OBAVEZE IZVOĐAČA

4.1. Izvođač se obavezuje da predmetne radove izvede stručno i kvalitetno u svemu prema zakonskim propisima, normativima i standardima za ovu vrstu posla.

ČLAN 5. OBAVEZE NARUČIOCA

5.1. Naručilac se obavezuje da uvede Izvođača u posao, da mu omogući nesmetano obavljanje radova, kontinuitet u radu, kao i da mu obezbedi

2.3. The price includes the value of work, goods and services necessary for the execution of the Contract.

ARTICLE 3. METHOD OF PAYMENT

3.1. Payment will be made as follows:

- Advance payment in the amount of 15% of total value of works, before the start of works;
- The Subcontractor shall provide the Contractor with a bank guarantee in the amount of 15% of the estimated value of works, with validity period until the whole amount of advance payment has been repaid to the Contractor through monthly/final payment certificates in the amount of 15% of each monthly/final payment certificates (excluding the advance payment).
- Such guaranteed amount in the bank guarantee will be reduced by the amounts of advance payment repaid in each monthly/final payment certificates.

- The remaining part of the payment will be made within 30 days from the date of delivering of the monthly/final situation to the Contractor.
- Payment will be made at the middle exchange rate of the National Bank of Serbia, valid on the date of payment.

ARTICLE 4. OBLIGATIONS OF THE SUBCONTRACTOR

4.1. The Subcontractor undertakes to perform the work in question professionally and with quality in all respects in accordance with legal regulations, norms and standards for this type of work.

ARTICLE 5. OBLIGATIONS OF THE CONTRACTOR

5.1. The Contractor undertakes to introduce the Subcontractor to the work, to enable him to perform the work

nesmetan prilaz gradilištu.

5.2. Naručilac se obavezuje da Izvođaču obezbedi radne, građevinske i druge dozvole neophodne za izvođenje predmetnih radova.

5.3. Naručilac će obezbediti vršenje stručnog nadzora nad izvršenjem ugovornih obaveza Izvođača, imenujući odgovornu osobu koja će potpisivati neophodnu dokumentaciju na gradilištu (građevinska knjiga, građevinski dnevnik).

5.4. Naručilac se obavezuje da obezbedi priključke za struju i vodu na gradilištu.

5.5. Naručilac se obavezuje da Izvođaču plati ugovorenu cenu pod uslovima i na način određen u članu 2. i 3. ovog Ugovora.

5.6. Sve ostalo u skladu sa usaglašenim ponudama iz člana 1.1. ovog ugovora

without hindrance, work continuity, as well as to provide him with unimpeded access to the construction site.

5.2. The Contractor undertakes to provide the Subcontractor with work, construction and other permits necessary for the performance of the work in question.

5.3. The Contractor will provide professional supervision over the execution of the Subcontractor's contractual obligations, appointing a responsible person who will sign the necessary documentation on the construction site (construction book, construction diary).

5.4. The Contractor will provide switches on site for electric power and water.

5.5. The Contractor undertakes to pay the Subcontractor the agreed price under the conditions and in the manner specified in Articles 2 and 3 of this Contract.

5.6.Other in accordance with the agreed offers specified in Article 1.1. of this contract

ČLAN 6. ZAVRŠNE ODREDBE

6.1. Za sve što ovim Ugovorom nije posebno utvrđeno primenjuju se odredbe Zakona o obligacionim odnosima, Posebne uzanse o građenju, i drugi pozitivni propisi Republike Srbije.

6.2. Sve eventualne sporove ugovorne strane će rešavati sporazumno. Ukoliko do sporazuma ne dođe, ugovara se nadležnost Privrednog suda u Beogradu.

ARTICLE 6. FINAL PROVISIONS

6.1. The provisions of the Law on Obligations, Special Customs on Construction, and other positive regulations of the Republic of Serbia shall apply to everything that is not specifically determined by this Agreement.

6.2. All possible disputes will be resolved amicably by the contracting parties. If no agreement is reached, the jurisdiction of the Commercial Court in Belgrade is agreed.

6.3. Ovaj Ugovor je sačinjen u četiri jednaka primerka, po dve za svaku ugovornu stranu.

6.3. This Agreement is made in four equal copies, two for each contracting party.

NARUČILAC RADOVA

CONTRACTOR

IZVOĐAČ RADOVA

SUBCONTRACTOR

ANTIKOR DOO BEOGRAD SPECIJALIZOVANO PRIVREDNO DRUŠTVO ZA POSLOVE ANTIKOROZIONE ZAŠTITE

China Civil Engineering Construction Corporation
Balkan Branch Belgrade
Batajnički Drum 3, Belgrade

Commercial sector
Offer No. 43-1/DŠ
Belgrade, July, 01, 2022

According to your inquiry, we are sending you

INNOVATED OFFER

For waterproofing works of concrete constructions of passanger underpasses in Novi Sad according to Project: Modernization and reconstruction of railway section Novi Sad – Subotica state border Kelebija.

SPECIFICATION OF WORKS AND PRICES

1. *Novi Sad station underpass*

Pos. BoQ	Pos No.	Description	Measure Unit	Quantity	Unit price (€)	Total (€)
				A	B	A´B
05.01	1.	***Manufacturing of waterproofing concerning bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane.*** - Placeing and installation of geotextile 500 gr/m² layer with overlaps - Placeing and installation of PVC membrane type **SIKAPLAN SPL WP 1100-20 HL yellow by SIKA** or similar. The overlaps are welded by hot air. - Placing and installation of one layer of geotextile 500 gr/m² as a protection of PVC membrane	m²	cca 895,00	29,62	26.509,90
05.02	2.	***Place waterproofing layer on subway top slab and parapet with MMA membrane.*** - Surface preparation of concrete by shotblasting - Applying of one layer of **Primer PAR 1 by GCP Applied Technologies** for concrete - Applying of two layer waterproofing membrane **ELIMINATOR by GCP Applied Technologies**	m²	cca 220,00	42,00	9.240,00
add	3.	***Anti-vibration mat under crushed stone*** - Installation of anti-vibration mat plates thick 20 mm under crushed stone	m²	cca 70,00	24,50	1.715,00
add	4.	***Joints MMA waterproofing with PVC waterproofing*** - Procurement, cutting, mechanical fixing of metal batten	m¹	cca 80,00	38,00	3.040,00

Poslovne prostorije: 11070 BEOGRAD, Vladimira Popovića 6, tel. +381 (11) 614 92 88; fax: (011) 614 91 54
Adresa: 11030 Beograd, Požeška 7 ♦ Web: www. Antikor.co.rs ♦ E-mail: office@antikor.co.rs
Tekući račun: 160-275535-08 BANCA INTESA BG ♦ Matični br.: 07007060 ♦ Šifra delatnosti: 4339 ♦ PIB:100000571

Adresa za slanje pošte: ANTIKOR DOO, 11070 Beograd, Vladimira Popovića 6

		- Sealing of joint between batten and concrete walls by Polyrethane elastic putty type **Sikaflex 11FC by SIKA**				
add	5.	***Other joints and details as needed at horizontal and vertical surfaces***	m¹	cca 50,00	41,00	2.050,00
					TOTAL WATERPROOFING WORKS EUR:	**42.554,90**

2. *Novi Sad station underpass extension*

	Pos No.	Description	Measure Unit.	Quantity	Unit price (€)	Total (€)
				A	B	A*B
05.03	1.	***Manufacture of external horizontal waterproofing by MMA membrane.***				
		- Placeing of geotextile 500 gr/m² layer with overlaps - Placeing and installation of PVC membrane type **SIKAPLAN SPL WP 1100-20 HL yellow by SIKA** or similar. The overlaps are welded by hot air. - Placing and installation of one layer of geotextile 500 gr/m² as a protection of PVC membrane	m²	cca 1.130,00	29,62	33.470,60
05.04	2.	***Manufacture of external vertical waterproofing by PVC membrane.***				
		- Placeing and installation of geotextile 500 gr/m² layer with overlaps - Placeing and installation of PVC membrane type **SIKAPLAN SPL WP 1100-20 HL yellow by SIKA** or similar. The overlaps are welded by hot air. - Placing and installation of one layer of geotextile 500 gr/m² as a protection of PVC membrane	m²	cca 520,00	29,62	15.402,40
05.01	3.	***Installation of sprayed waterproofing MMA membrane,***				
		- Surface preparation of concrete by shotblasting - Applying of one layer of **Primer PAR 1 by GCP Applied Technologies** for concrete - Applying of two layer waterproofing membrane **ELIMINATOR by GCP Applied Technologies**	m²	cca 239,00	42,00	10.038,00
05.05	4.	***Anti-vibration mat under crushed stone***				
		- Installation of anti-vibration mat plates thick 20 mm under crushed stone	m²	cca 66,70	24,50	1.634,15

05.07	5.	***Hydrophobic channel coating***				
		Applying of hydrophobic protecting coating **ANTIKOROZIN BB by ADING** on channel. Surface preparation is not included in this position	m^2	cca 38,00	7,30	277,40
05.08	6	***Applying of bituminous protective coating, to protect concrete surfaces of pillars and foundations to be backfilled.***				
		Applying on concrete surfaces one bitumenious coat. Type **Bitulit by Fragmat S** This position is protection only for surfaces that will be backfilled.	m^2	cca 18,00	6,85	123,30
add	7.	***Joints MMA waterproofing with PVC waterproofing*** - Procurement, cutting, mechanical fixing of metal batten - Sealing of joint between batten and concrete walls by Polyrethane elastic putty type **Sikaflex 11FC by SIKA**	m^1	cca 100,00	38,00	3.800,00
add	8.	***Other joints and details as needed at horizontal and vertical surfaces***	m^1	cca 70,00	41,00	2.870,00
					TOTAL WATERPROOFING WORKS EUR:	**68.435,85**

TOTAL VALUE OF WATERPROOFING WORKS (1+2) EUR:	**110.990,75**

3. INJECTION of CONSTRUCTION

	Pos No.	*Description*	Measure Unit.	Quantity	Unit price (€)	Total (€)
	1.	***Preparation for injection:*** - Joints cutting (slitting), drilling injection wells ø14 at an angle 45 degrees at intervals ½ wall thickness. ***Injecting:*** - Procurement of injection mass (acylicgel or polyurethane) and injection into prepared dilatation concrete joints	m^1	cca 100,00	77,00	7.700,00

NOTES:

- The offer is formed according to the presented quantities according to the positions.The actual quantities will be defined by measuring and will be integral part of Construction accounting sheet.
- Prices in this offer includes procurement and Installation of all the materials, works, tools and equipment, costs for workers (transport, food etc...)
- The offer is based on the performance of up to 10 phases for passanger underpass and TPS underpass. Any subsequent eventual arrival beyond the scheduled time will be calculated subsequently in the amount 500,00 € per one arrival.
- Possible penetrations through the waterproofing membrane, will be the subject of a subsequent offer.
- Concrete strips, working expansion joints and profiles, expansion joints... are not part of the offer and it will be installed in the concreting process and it is obligation of the Contractor.
- Based on previous experience, we do not give a guarantee on the watertightness for this waterproofing system of the performed works. As a sfety if the water occurs and penetrate throught waterproofing, we give an injection works through position No 3. Injection of construction. If the external waterproofing is good, the position of injection will not be done and not be charge.
- The connection between the underground new and old waterproofing at the Novi Sad station is not part of the offer and will be defined after the dismantling of the existing concrete walls and the actual condition of the position

As per Position 1. Novi Sad Underpasses No 05.03 from BoQ, it is not included in this offer and we are not offering this position. Instead of that we are installing finishing layer of geotextile as a protection of PVC membranes on horizontal and vertical surfaces.

- Before the start of works, the concrete surface must be dry and clean, without contaminated oils and cement laitance, standing water, as well as without major structural damage and cracks, which is the obligation of the Contractor to ensure that all concrete structures on buildings are according to the above.
- The concrete construction of the underpasses must be based on waterproof-concrete which is defined by project.
- Subsequent repairs of the substrate, if necessary before the start of works, are the obligation of the Contractor
- Examinations of independent accredited institutions if there is need for it , is the obligation of the Contractor.
- The price does not include the cost of VAT.

PAYMENT:

• Advance payment in the amount of 15 % of the total value of works, before the start of works
• The remaining part of the payment will be made within 30 days from the date of delivering of the monthly and completed situation to the Contractor.
• Calculation of performed works will be performed with the application of Technical Conditions in Construction.

DEADLINES:

The works would start after, advance payment, the fulfillment of all contractual obligations, and they would be completed according to the agreed term plan, which will be an integral part of the contract.

OBLIGATIONS:

The obligation of the Contractor is to:
- ensure continuity of work without interruption, as well as unimpeded access to the construction site
- Provide a wide excavation around the facilities and access to positions at each stage of construction
- To perform base concrete and protective concrete on horizontal surfaces with an overhang of approx. 50 cm. Protective concrete should be performed immediately after the completion of the waterproofing membrane.
- After each completed segment, the contractor is obliged to make a record with the subcontractor on the handover of positions
- Provide that the level of underground watter before the start of works be at the normal so that works can perform without interruption and complications.
- provide an enclosed space for the formation of construction sites for workers, equipment, tools and materials
- provide physical security of the working space during the works, in order to store the tools and equipment of the subcontractor
- provide access roads to the positions for access of vehicles and trucks for easier delivery of tools, materials, equipment, etc.
- provide ditaled dynamic plan for every underpass.
- provide stabile voltage electricity, and water switches on site.
- introduces the Subcontractor to the work (in writing, by entering in the Construction Diary)
- appoints a responsible person on the construction site, who will organize the work on a daily basis, together with Supervisory body of the Contractor, keep the construction log and other documents on the construction site (in writing by entering in the Construction Diary)
- submits timely documentation related to the dynamics of works.
- duly certifies the Construction Diary and the Accounting Sheets of the Construction Book
- ensure that the concrete base before the start of work is in accordance with the recommendations of the material manufacturer.

The Subcontractor's obligation is to:
- to provide a quality and qualified workforce
- to appoint a responsible person on the construction site who will keep a construction diary on a daily basis and other documents on the construction site,
- to perform works professionally and with quality according to the regulations and standards that apply to this type activities,
- to apply HSE measures for its employees,

30 day offer option.

I accept this offer

All other conditions will be subject to the Agreement.

In anticipation of the call for further talks, we welcome you,

Commercial sector.

Director

Dejan Sisovic

Milos Tatomir

Xue Hongxi

PRIHVACENA PONUDA ZA SPOJEVE STARO - NOVO NA PODHODNICIMA U N. SADU, BEZ UGOVORA

Antikor

ANTIKOR DOO BEOGRAD SPECIJALIZOVANO PRIVREDNO DRUŠTVO ZA POSLOVE ANTIKOROZIONE ZAŠTITE

China Civil Engineering Construction Corporation
Balkan Branch Belgrade
Batajnički Drum 3, Belgrade

Commercial sector
Offer No. 43-2/DŠ
Belgrade, October, 04, 2022

According to your inquiry, we are sending you

ADDITIONAL OFFER

For waterproofing works of concrete constructions of passanger underpasses in Novi Sad according to Project: Modernization and reconstruction of railway section Novi Sad – Subotica state border Kelebija.

SPECIFICATION OF WORKS AND PRICES

Novi Sad station Joint detail between old construction and new construction

	Pos	Description	Measure Unit.	Quantity	Unit price (€)	Total (€)
				A	B	A*B
1	Horizontal outside	***Joints between old and new concrete structure waterproofing of horizontal slabs*** - Placing and installation of Sika Dilatec ER 350 tape by welding with hot air on side where the PVC membrane is finished and another side of tape is inporting in layer of SikaDur 31CF and applying of finish layer of SikaDur 31CF Normal over this side of tape.	m1	cca 19,00	91,70	1.650,60
2	Vertikals outside	***Joints between old and new concrete structure waterproofing of vertical concrete walls*** - Placeing and installation of Sika Dilatec BR 500 by welding with hot air on side where the PVC membrane is and welding with open flame on bitumenious side of tape. Over bitumenious side of joint installation of one bitumenious membrane as a protecting layer with overlaps by welding with open flame in width of membrane 0,5 m	m1	cca 8,32	94,00	782,08
3	Horizontals and verticals inside	***INJECTION of joints between old and new concrete structure of all horizoltals and verticals inside*** ***Preparation for injection:*** - Joints cuting (slitting), drilling injection wells ø14 at an angle 45 degrees at intervals ½ wall thickness. *Injecting:* - Procurement of injection mass (polyacrilic resin) Sika Injection-306 and injection into cleparad dilatation concrete joints	m1	Cca 26,32	78,00	2.052,96
					TOTAL WATERPROOFING WORKS EUR:	4.485,04

Poslovne prostorije: 11070 BEOGRAD, Vladimira Popovića 6, tel. +381 (11) 614 92 88; fax: (011) 614 91 54
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Tekući račun: 160-275535-08 BANCA INTESA BG ♦ Matični br.: 07007060 ♦ Šifra delatnosti: 4339 ♦ PIB:100000571

Adresa za slanje pošte: **ANTIKOR DOO, 11070 Beograd, Vladimira Popovića 6**

BG 208 MVE

NOTES:
- For vertical joints the obligation of Contractor is to remove layer of bricks in width 1,50 m taking care not to damage the existing waterproofing bitumenious layer.
- As per horizontal joints the obligation of Contractor is to clean a place for the layer of lean concrete for the new slab with adecvate thickness so we can finish waterproofing over straight surface.
- The offer is formed according to the presented quantities according to the positions.The actual quantities will be defined by measuring and will be integral part of Construction accounting sheet.
- Prices in this offer includes procurement and Installation of all the materials, works, tools and equipment, costs for workers (transport, food etc...)
- Possible penetrations through the waterproofing membrane, will be the subject of a subsequent offer.
- The concrete construction of the underpasses must be based on waterproof-concrete which is defined by project.
- Examinations of independent accredited institutions if there is need for it , is the obligation of the Contractor.
- The price does not include the cost of VAT.

PAYMENT:
• Advance payment in the amount of 25 % of the total value of works, before the start of works
• The remaining part of the payment will be made within 30 days from the date of delivering of the monthly and completed situation to the Contractor.
• Calculation of performed works will be performed with the application of Technical Conditions in Construction.

DEADLINES:
The works would start after, advance payment, the fulfillment of all contractual obligations, and they would be completed according to the agreed term plan, which will be an integral part of the contract.

OBLIGATIONS:
The obligation of the Contractor is to:
- ensure continuity of work without interruption, as well as unimpeded access to the construction site
- Provide a wide excavation around the facilities and access to positions at each stage of construction
- To perform base concrete and protective concrete on horizontal surfaces with an overhang of approx. 50 cm. Protective concrete should be performed immediately after the completion of the waterproofing membrane.
- After each completed segment, the contractor is obliged to make a record with the subcontractor on the handover of positions
- Provide that the level of underground watter before the start of works be at the normal so that works can perform without interruption and complications.
- provide an enclosed space for the formation of construction sites for workers, equipment, tools and materials
- provide physical security of the working space during the works, in order to store the tools and equipment of the subcontractor
- provide access roads to the positions for access of vehicles and trucks for easier delivery of tools, materials, equipment, etc.
- provide ditaled dynamic plan for every underpass.
- provide stabile voltage electricity, and water switches on site.
- introduces the Subcontractor to the work (in writing, by entering in the Construction Diary)
- appoints a responsible person on the construction site, who will organize the work on a daily basis, together with Supervisory body of the Contractor, keep the construction log and other documents on the construction site (in writing by entering in the Construction Diary)
- submits timely documentation related to the dynamics of works.
- duly certifies the Construction Diary and the Accounting Sheets of the Construction Book
- ensure that the concrete base before the start of work is in accordance with the recommendations of the material manufacturer.

The Subcontractor's obligation is to:
- to provide a quality and qualified workforce
- to appoint a responsible person on the construction site who will keep a construction diary on a daily basis and other documents on the construction site,
- to perform works professionally and with quality according to the regulations and standards that apply to this type activities,
- to apply HSE measures for its employees,

30 day offer option.

All other conditions will be subject to the Agreement.

In anticipation of the call for further talks, we welcome you.

Commercial sector.
Dejan Sisovic

Director
Milos Tatomir

Investitor: CCECC Batajnički Drum 3. Belgrade

Gradilište: NS pothodnici- TPS i NS

antikor

Objekat: TPS

Jul 2022.

Obračunski list građevinske knjige

list br. 1

Vrsta rada	Manufacturing of waterproofing concering bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane. Geotekstil 500gr/m2 + Sikaplan SPL WP1100-20 HL + Geotekstil 500gr/m2	Grad. norma Šifra Dokaznica 1	Obrač. nacrta	Poz. predrač. 1
Jedinična cena din	29,62eur	po **m2**	Mera	895,00
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	0,00	**0,00**
Kampade K2(1/2) - Kampada K3- Kampada K4 (1/2) P= 5,40m x 11,70m			63,18	
Kampade K1(Lift) P= (4,45m x 2,60m)+(0,60m x 2,05m)			12,18	
Kampade K5(Lift) P= (4,31m x 2,02m)+(2,75m x 2,50m)			15,59	
		UKUPNO	90,95	90,95

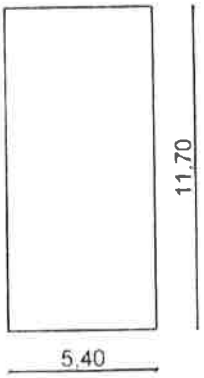
IZVOĐAČ

NARUČILAC

	ZA PRENOS	90,95

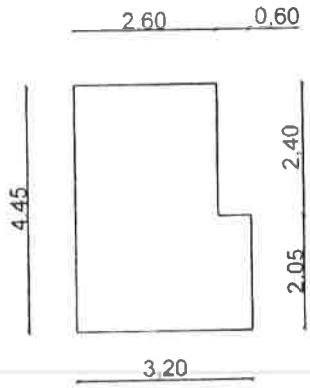
ANTIKOR doo DOKAZNICA MERA JUL 2022.

KAMPADA K2(1/2) -K3 - K4(1/2)



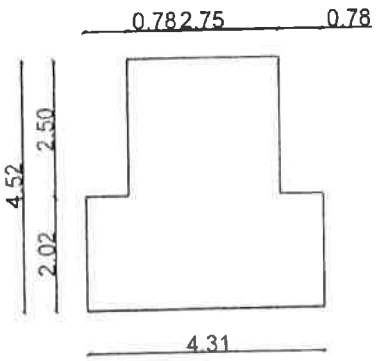
P1= 5.40 x 11.70 = 63.18 m²

KAMPADA K1 (LIFT)



P2 = (4.45 x 2.60) + (0.60 x 2.05) = 11.57 + 1.23 = 12,80 m²

KAMPADA K5 (LIFT)



P3 = (4.31 x 2.02) + (2.75 x 2.50) = 8.71 + 6.88 = 15,59 m²

PU= 63.18 + 12.80 + 15.59 = 90.95 m²

Investitor: CCECC Batajnički Drum 3. Belgrade

Gradilište: NS pothodnici- TPS i NS

antikor

Objekat: NS extension

Jul 2022.

Obračunski list građevinske knjige

list br. 2

Vrsta rada	Manufacturing of waterproofing concering bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane. Geotekstil 500gr/m2 + Sikaplan SPL WP1100-20 HL + Geotekstil 500gr/m2	Grad. norma Šifra Dokaznica 2	Obrač. nacrta	Poz. predrač. 1
Jedinična cena din	29,62eur	po **m2**	Mera	1130.00
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	0.00	**0.00**
Kampade K3 P= 9.03m x 10.13m			91.47	
L2(Lift) P= 2.76m x 2.60m			7.18	
L4(Lift) i L3(Lift) P= (4.50m x 4.30m)+(4.25m x 4.10m) P= 19.35+17.43			36.78	
		UKUPNO	135.43	135.43
		ZA PRENOS	135.43	

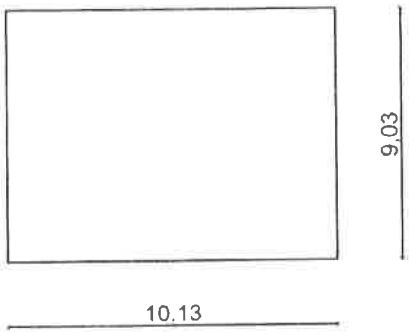
IZVOĐAČ

M. Babić

NARUČILAC

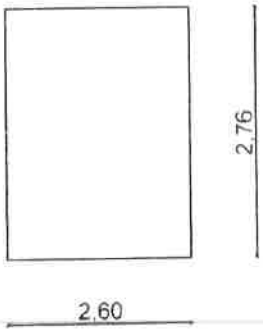
ANTIKOR doo DOKAZNICA MERA JUL 2022.

KAMPADA K3



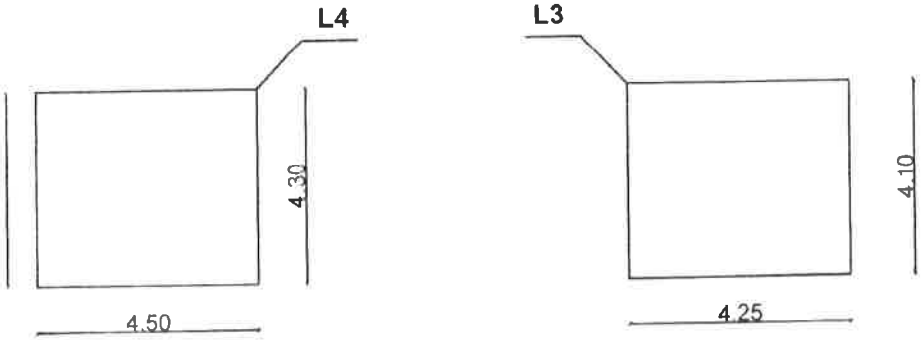
P1= 9.03 x 10.13 = 91.47 m²

KAMPADA L2 (LIFT)



P2= 2.76 x 2.60 = 7.18 m²

KAMPADA L4 (LIFT) I L3 (LIFT)



P3 = (4.50 x 4.30) + (4.25 x 4.10) = 19.35 + 17.43 = 36,78 m²

PU= 91.47 + 7.18 + 36.78 = 135.43 m²

Investitor: CCECC Batajnički Drum 3. Belgrade

Gradilište: NS pothodnici- TPS i NS

antikor

Septembar 2022.

Objekat: TPS

Obračunski list građevinske knjige

list br. 1

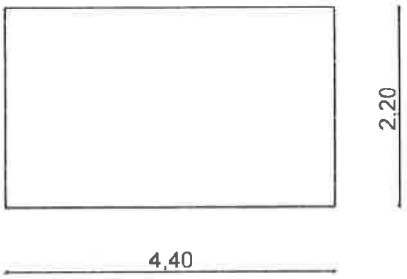
Vrsta rada	Manufacturing of waterproofing concering bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane. Geotekstil 500gr/m2 + Sikaplan SPL WP1100-20 HL + Geotekstil 500gr/m2	Građ. norma Šifra Dokaznica 1	Obrač. nacrta	Poz. predrač. 1
Jedinična cena din	29.62eur	po **m2**	Mera	895.00
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**90.95**	
L1 P= 4.40m x 2.20m			10.78	
L5 P= 3.60m x 2.20m			7.92	
L7 P= 3.60m x 2.20m			7.92	
		UKUPNO	26.62	26.62
		ZA PRENOS	117.57	

IZVODAČ

NARUČILAC

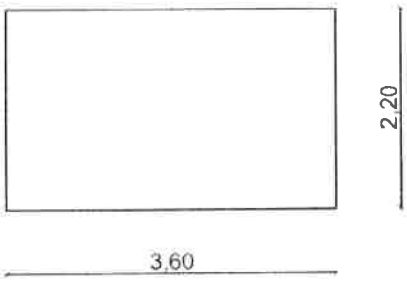
ANTIKOR doo DOKAZNICA MERA SEPTEMBAR 2022.

KAMPADA L1 (LIFT)



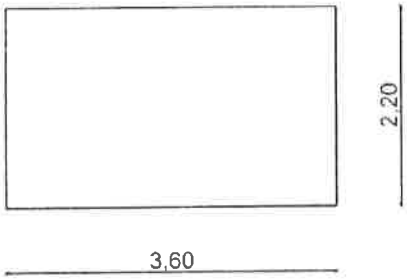
P1= 4.40 x 2.20 = 10.78 m²

KAMPADA L5 (LIFT)



P5= 3.60 x 2.20 = 7.92 m²

KAMPADA L7 (LIFT)



P7= 3.60 x 2.20 = 7.92 m²

PU= 10.78 + 7.92 + 7.92 = 26.62 m²

Investitor: CCECC Batajnički Drum 3 Belgrade

Gradilište: NS pothodnici- TPS i NS

antikor

Objekat: NS extension

Septembar 2022.

Obračunski list građevinske knjige

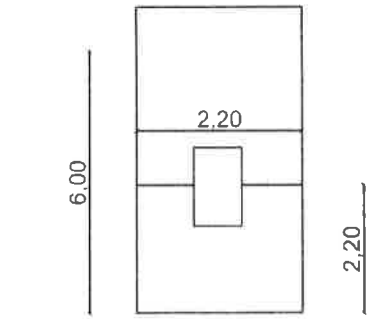
list br. 2

Vrsta rada	Manufacturing of waterproofing concering bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane. Geotekstil 500gr/m2 + Sikaplan SPL WP1100-20 HL + Geotekstil 500gr/m2	Grad. norma Šifra Dokaznica 2, 3 i 4	Obrač. naerta	Poz. predrač. I
Jedinična cena din	29.62eur	po **m2**	Mera	1130.00
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**135.43**	
Kampada 2 P1= 6.20 x 14.10 = 87.42 m² P2 (L3)= 2.30 x 2.40 = 5.52 m² PU2 = P1 - P2 = 87.42 - 5.52 = 81.90 m²			81.90	
Kampada 1 PU1= 9.46 x 9.23 = 87.32 m²			87.32	
Kampada K4 P1= 5.30 x 9.00 = 47.70 m² P2= 5.10 x 4.10 = 20.91 m² P3= 5.10 x 4.10 = 20.91 m² PU4 = 47.70 + 20.91 + 20.91= 89.52 m²			89.52	
Kampada L4 P1= 2.20 x 2.20 = 4.84 m² P2= P3 = P4 =2.20 x 6.00 = 13.20 m² PU4 = 4.84 + 13.20 + 13.20 + 13.20 = 44.44 m²			44.44	
Kampada L3 P1= P2 = P3 = P4 = 1.30 x 2.20 = 2.86 m² PU3 = 2.86 + 2.86 + 2.86 + 2.86 = 11.44 m²			11.44	
Hodnik K1 (stara I nova fasada) vertikalni zidovi P1 = 4.25 x 8.80 = 37.40 m² P2 = 4.25 x 8.80 = 37.40 m² PU1 = 37.40 + 37.40 = 74.80 m²			74.80	
Hodnik K3 vertikalni zidovi P1 = 4.30 x 10.00 = 43.00 m² P2 = 4.30 x 10.00 = 43.00 m² PU3 = 43.00 + 43.00 = 86.00 m²			86.00	
Stepenice za kampadu 2 (zapad) PU2 = 9.10 x 6.10 = 55.51 m²			55.51	
		UKUPNO	530.93	530.93
		ZA PRENOS	666.36	

IZVOĐAČ

NARUČILAC

KAMPADA L4

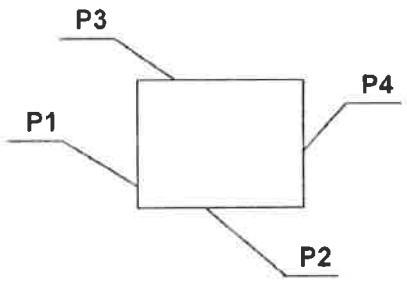


P1= 2.20 x 2.20 = 4.84 m²

P2= 2.20 x 6.00 = 13.20 m²

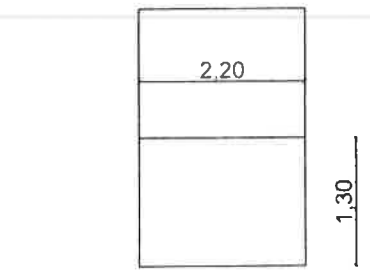
P3= 2.20 x 6.00 = 13.20 m²

P4= 2.20 x 6.00 = 13.20 m²



PU4 = 4.84 + 13.20 + 13.20 + 13.20 = 44,44 m²

KAMPADA L3

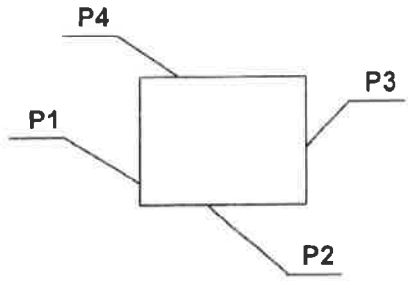


P1= 1.30 x 2.20 = 2.86 m²

P2= 1.30 x 2.20 = 2.86 m²

P3= 1.30 x 2.20 = 2.86 m²

P4= 1.30 x 2.20 = 2.86 m²

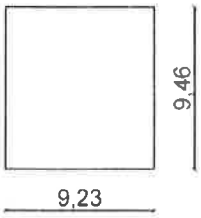


PU3 = 2.86 + 2.86 + 2.86 + 2.86 = 11,44 m²

PU= PU3 + PU4 = 11.44 + 44.44 = 55.88 m²

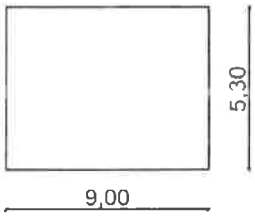
ANTIKOR doo DOKAZNICA MERA SEPTEMBAR 2022.

KAMPADA 1



PU1= 9.46 x 9.23 = 87.32 m²

KAMPADA K4



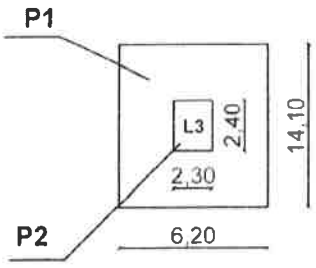
P1= 5.30 x 9.00 = 47.70 m²

P2= 5.10 x 4.10 = 20.91 m²

P3= 5.10 x 4.10 = 20.91 m²

PU4 = 47.70 + 20.91 + 20.91= 89,52 m²

KAMPADA 2



P1= 6.20 x 14.10 = 87.42 m²

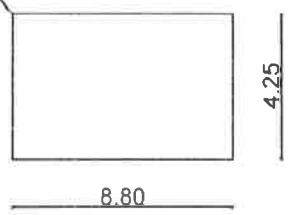
P2 (L3)= 2.30 x 2.40 = 5.52 m²

PU2 = P1 - P2 = 87.42 - 5.52 = 81,90 m²

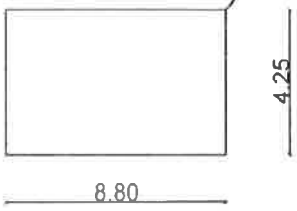
PU= PU1+PU4+PU2 = 87.32 + 89.52 + 81.90= 258.74 m²

HODNIK K1 (STARA I NOVA FASADA) VERTIKALNI ZIDOVI

ZID ZAPAD



ZID ISTOK

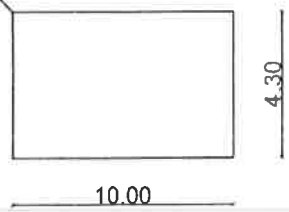


P1 = 4.25 x 8.80 = 37,40 m² **P2 = 4.25 x 8.80 = 37,40 m²**

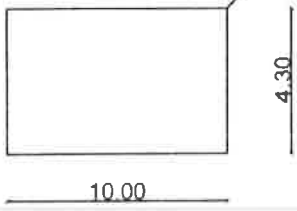
PU1 = 37.40 + 37.40 = 74,80 m²

HODNIK K3 VERTIKALNI ZIDOVI

ZID ZAPAD



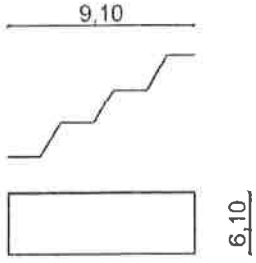
ZID ISTOK



P1 = 4.30 x 10.00 = 43,00 m² **P2 = 4.30 x 10.00 = 43,00 m²**

PU3 = 43.00 + 43.00 = 86,00 m²

STEPENICE ZA KAMPADU 2 (ZAPAD)



PU2 = 9.10 x 6.10 = 55,51 m²

PU= PU1+PU3+PU2 = 74.80 + 86.00 + 55.51= 216.31 m²

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici- TPS i NS

antikor

Objekat: Septembar-Oktobar 2022. TPS

Obračunski list građevinske knjige

list br. 1

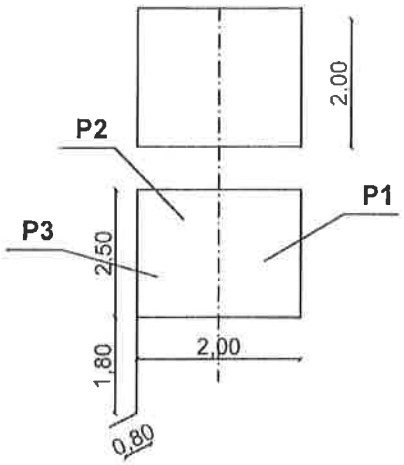
Vrsta rada	Manufacturing of waterproofing concering bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane. Geotekstil 500gr/m2 + Sikaplan SPL WP1100-20 HL + Geotekstil 500gr/m2	Građ. norma Šifra Dokaznica 1 i 2	Obrač. nacrta	Poz. predrač. 1
Jedinična cena din	29,62eur	po **m2**	Mera	
A =	B =	A + B =	Mesečno	print
		Prenos:	**117.57**	
L1				
P1= 2.50 x 2.00 = 5.00 m²				
P2= 2.00 x 2.00 = 4.00 m²				
P3= 2.50 x 2.00 = 5.00 m²				
P4= 1.80 x 0.80 = 1.44 m²				
PU1 = 5.00 + 4.00 + 5.00 + 1.44 = 15,44 m²			15.44	
L5				
P1= 2.50 x 2.00 = 5.00 m²				
P2= 2.00 x 2.00 = 4.00 m²				
P3= 2.50 x 2.00 = 5.00 m²				
P4= 1.80 x 0.80 = 1.44 m²				
PU2 = 5.00 + 4.00 + 5.00 + 1.44 = 15,44 m²			15.44	
L7				
P1= 2.50 x 2.00 = 5.00 m²				
P2= 2.00 x 2.00 = 4.00 m²				
P3= 2.50 x 2.00 = 5.00 m²				
P4= 1.80 x 0.80 = 1.44 m²				
PU3 = 5.00 + 4.00 + 5.00 + 1.44 = 15,44 m²			15.44	
P1= 5.30 x 5.80 = 30.74 m²				
P2= 2.00 x 3.30 = 6.60 m²				
P3= 0.85 x 3.10 = 2.64 m²				
PU4 = 30.74 + 6.60 + 2.64 = 39,98 m²			39.98	
P1= 3.00 x 0.85 = 2.55 m²				
P2= 3.00 x 0.85 = 2.55 m²				
PL5= 2.00 x 2.00 = 4.00 m²				
PL7= 2.00 x 2.00 = 4.00 m²				
P3= (5.30 x 20.70) - 8.00 = 101.77 m²				
PU5 = P1 + P2 + P3 = 106,87 m²			106.87	
		UKUPNO	193.17	193.17
		ZA PRENOS	310.74	

IZVOĐAČ

INVESTITOR

ANTIKOR doo DOKAZNICA MERA SEPTEMBAR-OKTOBAR 2022.

L1 (Lift)



P1= 2.50 x 2.00 = 5.00 m²

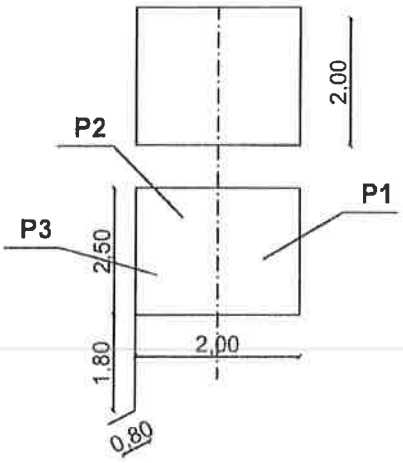
P2= 2.00 x 2.00 = 4.00 m²

P3= 2.50 x 2.00 = 5.00 m²

P4= 1.80 x 0.80 = 1.44 m²

PU1 = 5.00 + 4.00 + 5.00 + 1.44 = 15,44 m²

L5 (Lift)



P1= 2.50 x 2.00 = 5.00 m²

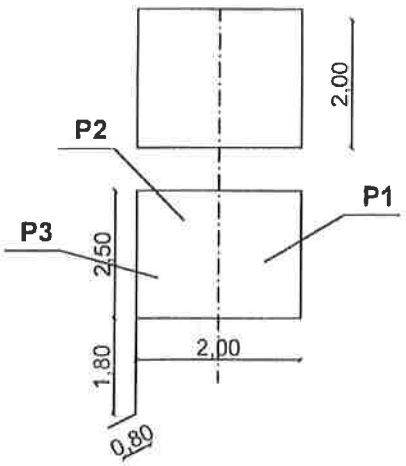
P2= 2.00 x 2.00 = 4.00 m²

P3= 2.50 x 2.00 = 5.00 m²

P4= 1.80 x 0.80 = 1.44 m²

PU2 = 5.00 + 4.00 + 5.00 + 1.44 = 15,44 m²

L7 (Lift)



P1= 2.50 x 2.00 = 5.00 m²

P2= 2.00 x 2.00 = 4.00 m²

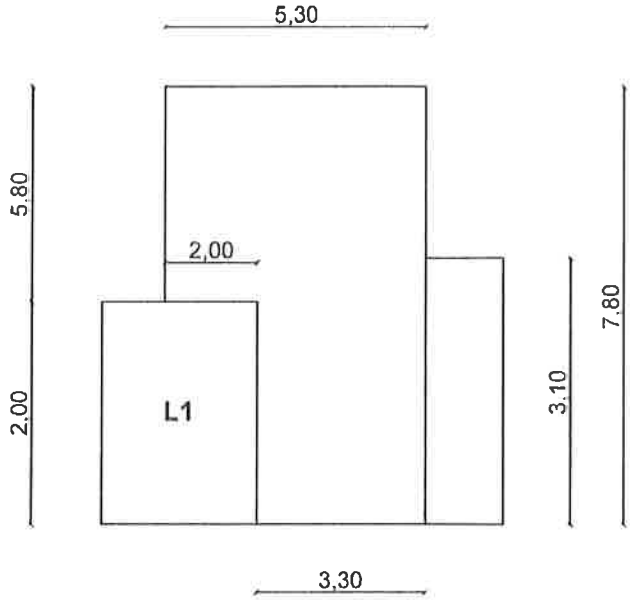
P3= 2.50 x 2.00 = 5.00 m²

P4= 1.80 x 0.80 = 1.44 m²

PU3 = 5.00 + 4.00 + 5.00 + 1.44 = 15,44 m²

PU= PU1 + PU2 + PU3 = 15.44 + 15.44 + 15.44 = 36.32 m²

ANTIKOR doo DOKAZNICA MERA SEPTEMBAR-OKTOBAR 2022.

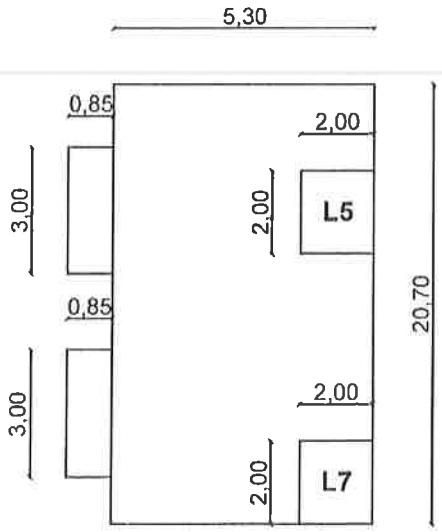


P1= 5.30 x 5.80 = 30.74 m²

P2= 2.00 x 3.30 = 6.60 m²

P3= 0.85 x 3.10 = 2.64 m²

PU1 = 30.74 + 6.60 + 2.64 = 39,98 m²



P1= 3.00 x 0.85 = 2.55 m²

P2= 3.00 x 0.85 = 2.55 m²

PL5= 2.00 x 2.00 = 4.00 m²

PL7= 2.00 x 2.00 = 4.00 m²

PL5+PL7 = 4.00 + 4.00 = 8,00 m²

P3= (5.30 x 20.70) - 8.00 = 101.77 m²

PU2 = P1 + P2 + P3 = 106,87 m²

PU= PU1 + PU2 = 39.98 + 106.87 = 146.85 m²

Младенко Бабић

Obračunski list građevinske knjige

list br. 2

Vrsta rada	Manufacturing of waterproofing concering bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane. Geotekstil 500gr/m2 + Sikaplan SPL WP1100-20 HL + Geotekstil 500gr/m2	Građ. norma Šifra Dokaznica 3 i 4	Obrač. nacrta	Poz. predrač. I
Jedinična cena din	29,62eur	po **m2**	Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**666.36**	
L1 (Lift)				
P1= 2.05 x 2.75 = 5.64 m²				
P2= 2.05 x 2.75 = 5.64 m²				
P3= 2.05 x 2.65 = 5.43 m²				
P4= 2.05 x 2.65 = 5.43 m²				
P5= 3.75 x 0.50 = 1.88 m²				
P6= 3.75 x 0.50 = 1.88 m²				
P7= 2.65 x 0.50 = 1.33 m²				
P8= 2.65 x 0.50 = 1.33 m²				
P9= 3.65 x 0.85 = 3.10 m²				
P10= 3.65 x 0.85 = 3.10 m²				
P11= 3.75 x 0.85 = 3.19 m²				
P12= 3.75 x 0.85 = 3.19 m²				
PU1 = P1+P2+P3+P4+P5+P6+P7+P8+P9+P10+P11+P12 = 41,14 m²			41.14	
L2 (Lift)				
P1= 2.05 x 2.75 = 5.64 m²				
P2= 2.05 x 2.75 = 5.64 m²				
P3= 2.05 x 2.65 = 5.43 m²				
P4= 2.05 x 2.65 = 5.43 m²				
P5= 3.75 x 0.50 = 1.88 m²				
P6= 3.75 x 0.50 = 1.88 m²				
P7= 2.65 x 0.50 = 1.33 m²				
P8= 2.65 x 0.50 = 1.33 m²				
P9= 3.65 x 0.85 = 3.10 m²				
P10= 3.65 x 0.85 = 3.10 m²				
P11= 3.75 x 0.85 = 3.19 m²				
P12= 3.75 x 0.85 = 3.19 m²				
PU2 = P1+P2+P3+P4+P5+P6+P7+P8+P9+P10+P11+P12 = 41,14 m²			41.14	
K2 (Stepenice istok)				
PU3= 6.10 x 14.10 = 86.01 m²			86.01	
		UKUPNO	168.29	168.29

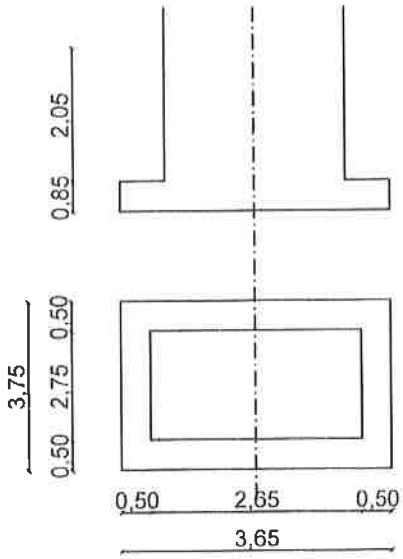
IZVOĐAČ

INVESTITOR

	ZA PRENOS	834.65

ANTIKOR doo DOKAZNICA MERA SEPTEMBAR-OKTOBAR 2022.

L1 (Lift)



P1= 2.05 x 2.75 = 5.64 m²

P2= 2.05 x 2.75 = 5.64 m²

P3= 2.05 x 2.65 = 5.43 m²

P4= 2.05 x 2.65 = 5.43 m²

P5= 3.75 x 0.50 = 1.88 m²

P6= 3.75 x 0.50 = 1.88 m²

P7= 2.65 x 0.50 = 1.33 m²

P8= 2.65 x 0.50 = 1.33 m²

P9= 3.65 x 0.85 = 3.10 m²

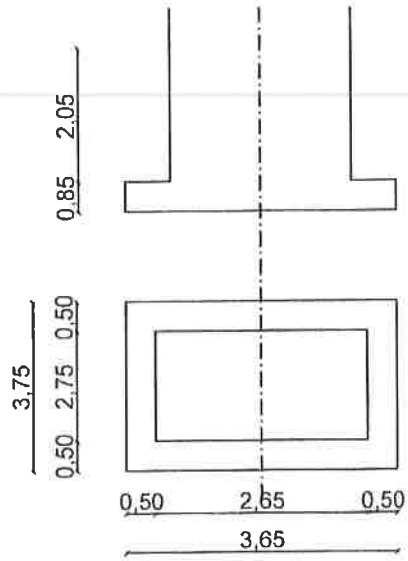
P10= 3.65 x 0.85 = 3.10 m²

P11= 3.75 x 0.85 = 3.19 m²

P12= 3.75 x 0.85 = 3.19 m²

PU1 = P1 + P2 + P3 + P4 + P5 + P6 + P7 + P8 + P9 + P10 + P11 + P12 = 41,14 m²

L2 (Lift)



P1= 2.05 x 2.75 = 5.64 m²

P2= 2.05 x 2.75 = 5.64 m²

P3= 2.05 x 2.65 = 5.43 m²

P4= 2.05 x 2.65 = 5.43 m²

P5= 3.75 x 0.50 = 1.88 m²

P6= 3.75 x 0.50 = 1.88 m²

P7= 2.65 x 0.50 = 1.33 m²

P8= 2.65 x 0.50 = 1.33 m²

P9= 3.65 x 0.85 = 3.10 m²

P10= 3.65 x 0.85 = 3.10 m²

P11= 3.75 x 0.85 = 3.19 m²

P12= 3.75 x 0.85 = 3.19 m²

PU2 = P1 + P2 + P3 + P4 + P5 + P6 + P7 + P8 + P9 + P10 + P11 + P12 = 41,14 m²

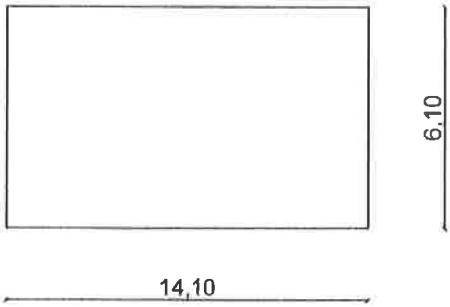
PU= PU1 + PU2 = 41.14 + 41.14 = 82.28 m²

ANTIKOR doo

DOKAZNICA MERA

SEPTEMBAR-OKTOBAR 2022.

K (stepenice istok)



PU1= 6.10 x 14.10 = 86.01 m²

PU= PU1 = 86.01 m²

ИНЖЕЊЕРСКА КОМОРА СРБИЈЕ
Младенко
В. Бабић
дипл. грађ. инж.
410 2836 03

Antikor doo

PROJEKAT/PROJECT : Modernizacija prige Beograd-Subotica/ Maintenence of raiway Belgrade-Subotica

OBJEKAT/OBJECT: Pothodnik na 15km/Underpass km15

IZVOĐAČ/CONTRACTOR:

China Railway 21st BUREAU GROUP Co.Ltd
Ogranak Beograd
Ratarski put 39g
11070 Novi Beograd

PODIZVOĐAČ:

ANTIKOR DOO
Specijalizovano privredno društvo
za poslove antikorozione zaštite
Požeška 7
11000 Beograd

OBRAČUNSKI LIST GRAĐEVINSKE KNJIGE
CALCULATION SHEET OF BUILDING BOOK

Novembar 2022

Ponuda/Offer: 11-2/DŠ od 07.11.2022.

Jedinična cena za poziciju 1.1 je 1,5 eura po m2 , a za poziciju 2.1 je 47 500 eura po komadu. Ukupna cena radova je 49 375 eura.

Vremenski period/Time frame : NOVEMBAR 2022/NOVEMBER 2022

					Prethodni period/Previous period	**Posmatrani period/Observed period**		
Br.	Ozn. Pozicija	**Opis pozicije/Description of position**	količina po predmeru	jedinica mere	količina izvršena u vremenskom periodu/quantity executed in time schedule	količina izvršena u vremenskom periodu/quantity executed in time schedule	ukupno izvedeno	preostalo
No.	Position mark	**Po Podizvođačkom ugovoru/According to subcontractors agree**	Quantiti as per BoQ	Measure Unit BoQ			Total executed	Left for execution
1	1.1	Sanacija pukotina i rupa u betonskom kolovozu epoksidnim malterom Reparation of cracks and holes in concrete pavement with epoxy mortar	Cca 1.250,00	m2	0.00	**Cca 1.250,00**	Cca 1.250,00	0.00
2	2.1	Izrada hidroizolacije gornje površine kolovoza: - Priprema površine peskarenjem - otprašivanje površina -Nanošenje prajmera PAR 1 - Nanošenje MMA hidroizolacione membrane Eliminator - Nanošenje završnog sloja Bond Coat br.3 Production of waterproofing of the upper surface of the pavement : - Surface preparation by sandblasting - dedusting of surfaces -Applying of primer PAR 1 - Applying of MMA waterproofing membrane Eliminator - Applying of finishing layer of Bond Coat No 3	1.00	Total cca 1.250,00	0.00	**1.00**	1.00	0.00

Младенко Бабић
410 2856.03

za Antikor d.o.o.

Владимир М
378.03

za CR 21st bureau

Antikor doo

PROJEKAT/PROJECT : Modernizacija prige Beograd-Subotica/ Maintenence of raiway Belgrade-Subotica

OBJEKAT/OBJECT: Pothodnik na 15km/Underpass km15

IZVOĐAČ/CONTRACTOR:

China Railway 21st BUREAU GROUP Co.Ltd
Ogranak Beograd
Ratarski put 39g
11070 Novi Beograd

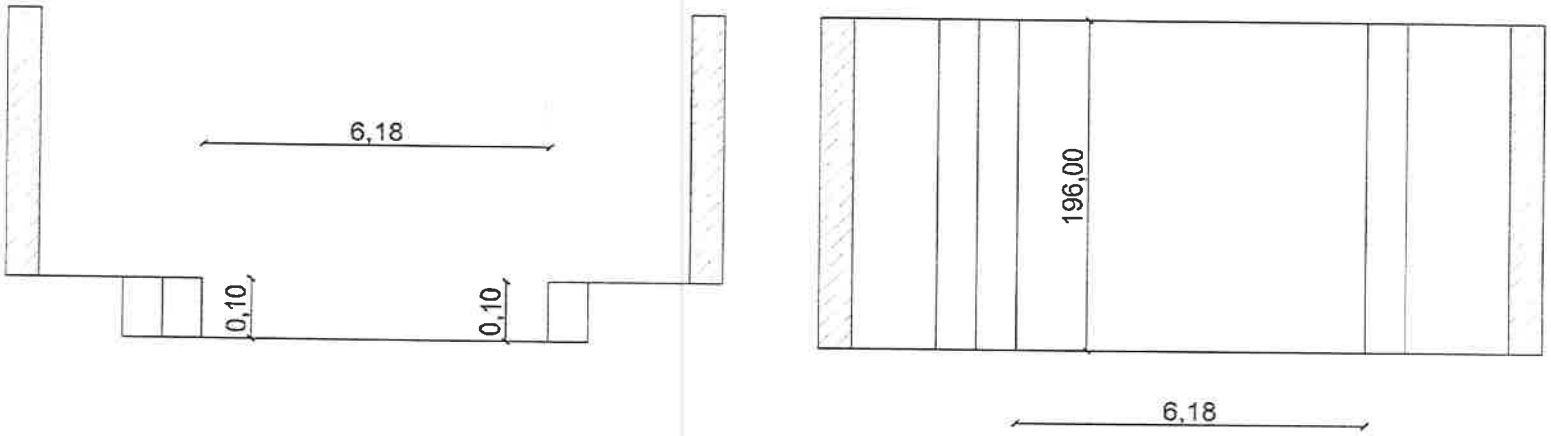
PODIZVOĐAČ:

ANTIKOR DOO
Specijalizovano privredno društvo
za poslove antikorozione zaštite
Požeška 7
11000 Beograd

DOKAZNICA MERA
PROOF OF MEASUREMENT

Novembar 2022

P1 = 196,00 x 6,18 = 1211,00 m²
P2 = 196,00 x 0,10 x 2strane = 39,20 m²
PU = P1 + P2 = 1211,00 + 39,20 = 1250,20 m²



za Antikor d.o.o.

za CR 21st bureau

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici- TPS i NS

antikor

Objekat: JANUAR 2023. TPS

Obračunski list građevinske knjige

list br. 1

Vrsta rada	Manufacturing of waterproofing concering bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane. Geotekstil 500gr/m2 + Sikaplan SPL WP1100-20 HL + Geotekstil 500gr/m2	Građ. norma Šifra Dokaznice u prilogu	Obrač. nacrta	Poz. predrač. 1
Jedinična cena eur	29.62	po **m2**	Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**1032.57**	
Krovovi liftova L1, L5 i L7				
PL1=PL5=PL7= 2.70 x 2.10 = 5.67 m² **PU= 5.67 x 3 = 17.01 m²**				17.01
		UKUPNO	1032.57	17.01

IZVOĐAČ

INVESTITOR

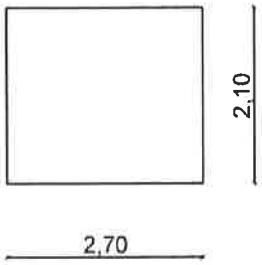
ZA PRENOS	1049.58	

ANTIKOR doo DOKAZNICA MERA JANUAR 2023.

HIDROIZOLACIJA PVC MEMBRANE

Krovovi liftova L1, L5 i L7

L1, L5 i L7



PL1=PL5=PL7= 2.70 x 2.10 = 5.67 m²
PU= 5.67 x 3 = 17.01 m²

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici- TPS i NS

antikor

JANUAR 2023.

Objekat: TPS

Obračunski list građevinske knjige

list br. 2

Vrsta rada	Other joints and details as needed at horizontal and vertical surfaces	Građ. norma Šifra Dokaznice u prilogu	Obrač. nacrta	Poz. predrač. 5
Jedinična cena eur	41,00 po **m**		Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**0.00**	
Liftovi L1, L5 i L7 - Krov				
L1=L5=L7= 2.70 x 2 + 2.10 x 2 = 9.60 m				
Liftovi L1, L5 i L7 - Donje lajsne				
DL1= 2.38 + 2.38 + 1.70 + 2.10 + 1.10 = 9.66 m				
DL5= 2.38 + 2.38 + 2.10 + 2.10 = 8.96 m				
DL7= 2.38 + 2.38 + 2.10 + 2.10 = 8.96 m				
Krov				
LK= 4.43 x 3 = 13.26 m				
Stepenice				
LK1= 8.83 + 2.60 + 8.83 + 2.20 = 22.46 m				
LK5= 10.00 + 2.60 + 10.00 + 2.60 = 25.20 m				
LK7= 10.81 + 2.60 + 10.81 + 2.60 = 26.82 m				
LU= L1 + L5 + L7 + DL1 + DL5 + DL7 + LK + LK1 + LK5 + LK7 = 144.12 m				144.12
		UKUPNO	0.00	144.12

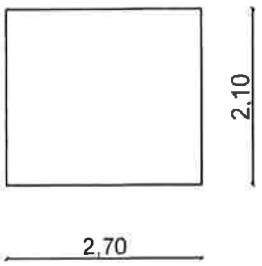
IZVOĐAČ

INVESTITOR

	ZA PRENOS	144.12

ZAŠTITNE LAJSNE

Liftovi L1, L5 i L7 - Krov



L1=L5=L7= 2.70 x 2 + 2.10 x 2 = 9.60 m

Liftovi L1, L5 i L7 - Donje lajsne

DL1= 2.38 + 2.38 + 1.70 + 2.10 + 1.10 = 9.66 m

DL5= 2.38 + 2.38 + 2.10 + 2.10 = 8.96 m

DL7= 2.38 + 2.38 + 2.10 + 2.10 = 8.96 m

Krov

LK= 4.43 x 3 = 13.26 m

Stepenice

LK1= 8.83 + 2.60 + 8.83 + 2.20 = 22.46 m

LK5= 10.00 + 2.60 + 10.00 + 2.60 = 25.20 m

LK7= 10.81 + 2.60 + 10.81 + 2.60 = 26.82 m

LU= L1 + L5 + L7 + DL1 + DL5 + DL7 + LK + LK1 + LK5 + LK7 = 144.12 m

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici- TPS i NS

antikor

JANUAR 2023.

Objekat: NS extension

Obračunski list građevinske knjige

list br. 3

Vrsta rada	Manufacturing of waterproofing concering bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane. Geotekstil 500gr/m2 + Sikaplan SPL WP1100-20 HL + Geotekstil 500gr/m2	Grad. norma Šifra Dokaznice u prilogu	Obrač. nacrta	Poz. predrač. 1
Jedinična cena eur	29.62	po **m2**	Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**1698.06**	
Lift L4				
P1= 2.20 x 1.90 = 4.18 x 2 = 8.36 m²				
P2= 2.30 x 1.90 = 4.37 m²				
PU= P1 + P2 = 12.73 m²				12.73
		UKUPNO	1698.06	12.73

IZVOĐAČ

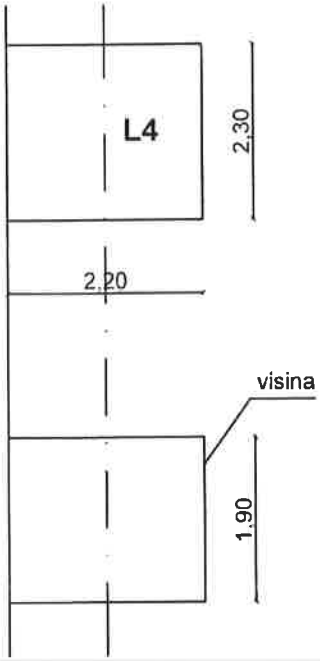
INVESTITOR

	ZA PRENOS	1710.79

ANTIKOR doo DOKAZNICA MERA JANUAR 2023.

HIDROIZOLACIJA PVC MEMBRANE

Lift L4



P1= 2.20 x 1.90 = 4.18 x 2 = 8.36 m²
P2= 2.30 x 1.90 = 4.37 m²
PU= P1 + P2 = 12.73 m²

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici- TPS i NS

antikor

JANUAR 2023.

Objekat: NS extension

Obračunski list građevinske knjige

list br. 4

Vrsta rada	Other joints and details as needed at horizontal and vertical surfaces	Građ. norma Šifra Dokaznice u prilogu	Obrač. nacrta	Poz. predrač. 8
Jedinična cena eur	41,00	po **m**	Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**0.00**	
Lift L1 L1= 3.25 + 3.25 + 3.15 + 3.15 = 12.80 m **Lift L2** L2= 3.25 + 3.25 + 3.15 + 3.15 = 12.80 m **Lift L4** L4= 2.30 + 2.30 + 2.20 + 2.20 = 9.00 m **Stepenice K4, strana prema šinama** LK4= 16.00 + 16.00 = 32.00 m **LU= 12.80 + 12.80 + 9.00 + 32.00 = 66.60 m**				66.60
		UKUPNO	0.00	66.60

IZVOĐAČ

INVESTITOR

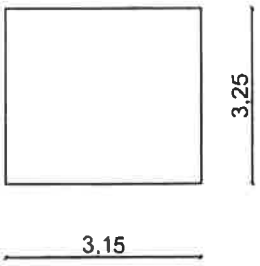
	ZA PRENOS	66.60

ANTIKOR doo DOKAZNICA MERA JANUAR 2023.

ZAŠTITNE LAJSNE

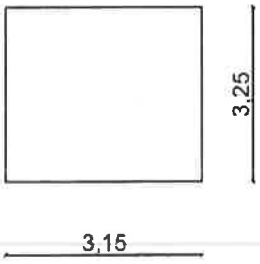
Liftovi L1 i L2

L1



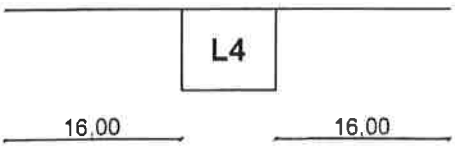
L1= 3.25 + 3.25 + 3.15 + 3.15 = 12.80 m

L2



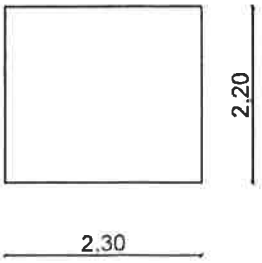
L2= 3.25 + 3.25 + 3.15 + 3.15 = 12.80 m

Stepenice K4, strana prema šinama



LK4= 16.00 + 16.00 = 32.00 m

L4



L4= 2.30 + 2.30 + 2.20 + 2.20 = 9.00 m

LU= 12.80 + 12.80 + 9.00 + 32.00 = 66.60 m

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici

antikor

JANUAR 2023.

Objekat: NS extension

Obračunski list građevinske knjige

list br. 1

Vrsta rada	Joints between old and new concrete structure waterproofing of horizontal slabs	Građ. norma Šifra Dokaznica u prilogu	Obrač. nacrta	Poz. predrač. 1
Jedinična cena eur	91,70 po **m**		Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**0.00**	
Spoj staro-novo Horizontalni spoj, Privremena situacija				
P= 8.60 + 8.60 = 17.20				
Pprivremeno = 17.20 x 0.9 = 15.48 m				15.48
		UKUPNO	0.00	15.48

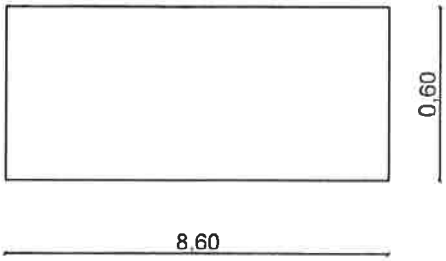
IZVOĐAČ

INVESTITOR

	ZA PRENOS	15.48

Spoj staro-novo Horizontalni spoj

K1



Privremeni spoj (90% količine)

P= 8.60 + 8.60 = 17.20
Pprivremeno = 17.20 x 0.9 = 15.48 m

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici

antikor

Novembar-Decembar 2022.

Objekat: NS extension

Obračunski list građevinske knjige

list br. 1

Vrsta rada	Joints between old and new concrete structure waterproofing of vertical concrete walls	Grad. norma Šifra Dokaznica u prilogu	Obrač. nacrta	Poz. predrač. 2
Jedinična cena din	94,00eur	po **m2**	Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**0.00**	
Spoj staro-novo Vertikalni spoj PVS= 3.90 + 3.90 = 7.80 m²				7.80
		UKUPNO	0.00	7.80
		ZA PRENOS	7.80	

IZVOĐAČ

INVESTITOR

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici

antikor

FEBRUAR 2023.

Objekat: NS extension

Obračunski list građevinske knjige

list br. 1

Vrsta rada	Anti-vibration mat under crushed stone -Installation of anti-vibration mat plates thick 20mm under crushed stone	Građ. norma Šifra Dokaznica u prilogu	Obrač. nacrta	Poz. predrač. 3
Jedinična cena eur	24.50	po **m2**	Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**0.00**	
P1= 8.50 x 0.20 = 1.70 m² P2= 28.57 x 8.40 = 239.98 m² **PU= P2 - P1 = 238.28 m²**				238.28
		UKUPNO	0.00	238.28

VODAČ

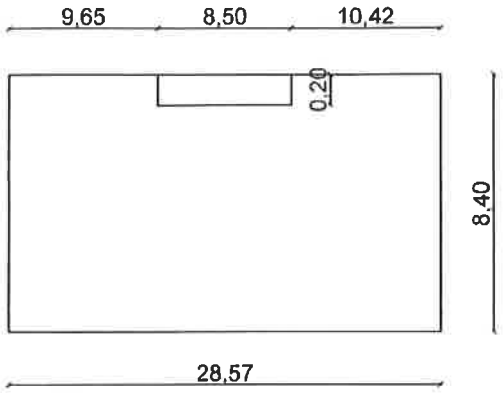
INVESTITOR

ZA PRENOS	238.28	

ANTIKOR doo DOKAZNICA MERA FEBRUAR 2023.

ISPORUKA I UGRADNJA ANTIVIBRACIONIH PLOČA

Ž. Stanica



P1= 8.50 x 0.20 = 1.70 m²
P2= 28.57 x 8.40 = 239.98 m²
PU= P2 - P1 = 238.28 m²

Investitor: CETEC Botanički Drum 1, Belgrade

Gradilište: NS pothodnici

antikor

Objekat: NS extension

MART 2023

list br. 1

Obračunski list građevinske knjige

Vrsta rada: Anti-vibration mat under crushed stone -Installation of anti-vibration mat plates thick 20mm under crushed stone		Grad. norma Šifra Dokaznica u prilogu	Obrač. mera	Poz. predrač. 3
Jedinična cena eur	24,50	po m2	Mera Mesečno	Ukupno
A =	B =	A + B =	238,28	
		Prenos:		
Antivibracione elastomerne trake Kolosek 5 i 6				237,99
P = 28,57 x 8,40 = 237,99 m2				
UKUPNO			238,28	237,99

IZVOĐAČ

INVESTITOR

ZA PRENOS	476,27	

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici

antikor

JUN 2023.

Objekat: TPS extension

Obračunski list građevinske knjige

list br. 1

Vrsta rada	Anti-vibration mat under crushed stone -Installation of anti-vibration mat plates thick 20mm under crushed stone	Građ. norma Šifra	Obrač. nacrta	Poz. predrač. 3
Jedinična cena eur	24.50	po **m2**	Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**0.00**	
Antivibracione elastomerne ploče				
P = 272kom x 1,20 = 326,40 m2				326.40
		UKUPNO	0.00	326.40

IZVOĐAČ

INVESTITOR

ZA PRENOS	326.40	

Antikor

ANTIKOR DOO
SPECIJALIZOVANO PRIVREDNO DRUŠTVO
ZA POSLOVE ANTIKOROZIONE ZAŠTITE
Broj 574
02.11. 2023 god
BEOGRAD

ANTIKOR DOO BEOGRAD, SPECIJALIZOVANO PRIVREDNO DRUŠTVO ZA POSLOVE ANTIKOROZIONE ZAŠTITE

China Civil Engineering Construction Corporation Balkan
Ogranak Beograd
Batajnički drum 3, deo 6a
11080 Beograd-Zemun
Srbija/Serbia

VIII INTERIM PAYMENT CERTIFICATE No/ VIII PRIVREMENA SITUACIJA Br. 08NS/3082/23

Date and place of issue / Datum i mesto izdavanja: 31.10.2023. Beograd
Date of turnover /Datum prometa: 31.10.2023.

Subcontract No / Podizvodjacki Ugovor br.197 od 13.07.2022., Accepted Offer No.43-2/DŠ of 04.10.2022 /Prihvaćena ponuda br.43-2/DŠ od 04.10.2022.

Project/Projekat	Modernization and reconstruction of railway section Novi Sad - Subotica state border Kelebija / Modernizacija i rekonstrukcija železničke pruge Novi Sad - Subotica državna granica Kelebija
Locations / Objekti	Waterproofing works of concrete constructions of passanger underpasses in Novi Sad / Hidroizolacioni radovi betonskih konstrukcija pešačkih pothodnika u Novom Sadu

	Total Contract value / Ukupno ugovoreni radovi	115,476.39	EUR		
1	Total executed works / Ukupno izvršeni radovi	119,863.82	EUR	14,062,535.71	RSD
2	Value of the previous (I-VII) IPC / Vrednost prethodnih (I-VII) privremenih situacija	104,223.02	EUR	12,229,782.74	RSD
3	Value of this VIII IPC / Vrednost ove VIII privremene situacije	15,640.80	EUR	1,832,752.97	RSD
4	VAT / PDV	0.00	EUR	0.00	RSD
5	Total / Ukupno (3+4)	15,640.80	EUR	1,832,752.97	RSD
6	Repayment of Advance payment / Razduzenje avansne uplate	0.00	EUR	0.00	RSD
7	VAT / PDV	0.00	EUR	0.00	RSD
8	Total advance payment / Ukupno avansna uplata	0.00	EUR	0.00	RSD
9	**Net Total / Neto total (3-6)**	**15,640.80**	**EUR**	**1,832,752.97**	**RSD**

Note/Napomena: VAT is not calculated according to Art 10 Paragraf 2 Item 3 of the Value Added Tax Law/PDV nije obračunat u skladu sa članom 10.stav 2.tačka 3 Zakona o PDV
Countervalue in Serbian dinars RSD calculated at the middle exchange rate of NBS valid on the date of invoice 31.10.2023. 1EUR=117.1777 RSD/
Dinarska protivvrednost obračunata po srednjem kursu NBS na dan fakturisanja 31.10.2023. 1EUR=117.1777 RSD
Payment in Serbian dinars RSD Art 3 of the Subcontract /Plaćanje u dinarskoj protivvrednosti Član 3 Podizvođačkog ugovora

Bank account No / Tekući račun br: **170-690-78 UniCredit Bank**

Subcontractor/Podizvođač radova
"ANTIKOR" doo
Požeška 7, Beograd
VAT/ PIB 100000571 REG.CODE/MB 07007060

Contractor /Naručilac radova
China Civil Engineering Construction Corporation
Balkan Ogranak Beograd
11080 Beograd-Zemun, Batajnički drum 3, deo 6a
VAT/ PIB 109874997 REG.CODE/MB 29507031

Subcontractor/Podizvođač

Contractor/Naručilac

Responsible Contracting Engineer/
Odgovorni izvodjac radova

Supervising Authority of the Contractor/
Nadzorni organ Naručioca

Antikor doo

PROJECT: Modernisation of Novi Sad - Subotica railway

LOCATION: Waterproofing works of concrete constructions of passanger underpasses in Novi Sad

CONTRACTOR

China Civil Engineering Construction Corporation Balkan
Ogranak Beograd
Bulevarska drum 3 doo Be
11000 Beograd Zemun

SUBCONTRACTOR:

ANTIKOR DOO
Specijalizovano preduzece drustveno
za zastitne antikorozivne radove
Pozarska 7
11000 Beograd

MEASUREMENT BOOK
SHEET NO.1

JUNE-AUGUST 2023

Time period: JUNE-AUGUST 2023

No		Position description	Quantity by offer	Measuring unit	Unit price EUR	Total EUR	Previous period quantity	Current period quantity	Total executed	Remaining	Previous period EUR	Current period EUR	Total executed EUR	Remaining EUR
1		**Novi Sad station underpass**												
11		**Manufacturing of waterproofing concerning bottom slab, subway walls and lift shaft and slab and walls of staircase by PVC membrane.** - Placeing and installation of geotextile 500 gr/m2 layer with overlaps - Placeing and installation of PVC membrane type **SIKAPLAN SPL WP 1100-20 HL yellow by SIKA or similar** The overlaps are welded by hot air - Placing and installation of one layer of geotextile 500 gr/m2 as a protection of PVC membrane	895.00	m2	29.62	26,509.90	1,049.56	**0.00**	1,049.56	-154.56	31,086.56	**0.00**	31,086.56	-4,576.66
12		**Place waterproofing layer on subway top slab and parapet with MMA membrane.** - Surface preparation of concrete by shotblasting - Applying of one layer of **Primer PAR 1 by GCP Applied Technologies** for concrete - Applying of who layer waterproofing membrane **ELIMINATOR by GCP Applied Technologies**	200.00	m2	42.00	9,240.00	0.00	**0.00**	0.00	200.00	0.00	**0.00**	0.00	9,240.00
13		**Anti-vibration mat under crushed stone** - Installation of anti-vibration mat plates thick 20 mm under crushed stone	70.00	m2	24.5	1,715.00	0.00	**312.00**	312.00	-242.00	0.00	**7,644.00**	7,644.00	-5,929.00
14		**Joints MMA waterproofing with PVC waterproofing** - Procurement, cutting, mechanical fixing of metal batten Sealing of joing between batten and concrete walls by Polyrethane elastic putty type **Sikaflex 11FC by SIKA**	80.00	m2	38.00	3,040.00	0.00	**0.00**	0.00	80.00	0.00	**0.00**	0.00	3,040.00
15		**Other joints and details as needed at horizontal and vertical surfaces**	50.00	m1	41.00	2,050.00	144.12	**0.00**	144.12	-94.12	5,908.92	**0.00**	5,908.92	-3,858.92
		TOTAL Novi Sad station underpass				**42,554.90**								
2		**Novi Sad station underpass extension**												
21		**Manufacture of external horizontal waterproofing by MMA membrane.** - Placeing of geotextile 500 gr/m2 layer with overlaps - Placeing and installation of PVC membrane type **SIKAPLAN SPL WP 1100-20 HL yellow by SIKA or similar** The overlaps are welded by hot air - Placing and installation of one layer of geotextile 500 gr/m2 as a protection of PVC membrane	1,130.00	m2	29.62	33,470.60	1,210.79	**0.00**	1,210.79	-580.79	50,873.80	**0.00**	50,873.80	-17,203.00
22		**Manufacture of external vertical waterproofing by MMA membrane.** - Placeing and installation of geotextile 500 gr/m2 layer with overlaps - Placeing and installation of PVC membrane type **SIKAPLAN SPL WP 1100-20 HL yellow by SIKA or similar** The overlaps are welded by hot air - Placing and installation of one layer of geotextile 500 gr/m2 as a protection of PVC membrane	520.00	m2	29.62	15,402.40	0.00	**0.00**	0.00	520.00	0.00	**0.00**	0.00	15,402.40
23		**Installation of sprayed waterproofing MMA membrane.** - Surface preparation of concrete by shotblasting - Applying of one layer of **Primer PAR 1 by GCP Applied Technologies** for conrete - Applying of two layer waterproofing membrane **ELIMINATOR by GCP Applied Technologies**	239.00	m2	42	10,038.00	0.00	**0.00**	0.00	239.00	0.00	**0.00**	0.00	10,038.00
24		**Anti-vibration mat under crushed stone** - Installation of anti-vibration mat plates thick 20 mm under crushed stone	66.70	m2	24.5	1,634.15	472.27	**326.40**	802.67	-735.97	11,568.62	**7,996.80**	19,565.42	-18,031.27
25		**Hydrophobic channel coating** - Applying of hydrophobic protecting coating **ANTIKOROZIN BB by ADING** on chanel Surface preparation is not included in this position	38.00	m2	7.3	277.40	0.00	**0.00**	0.00	38.00	0.00	**0.00**	0.00	277.40
26		**Applying of bituminous protective coating, to protect concrete surfaces of pillars and foundations to be backfilled.** - Applying on concrete surfaces one bitumenious coat type Bitulit by Fragmat S. This position is protection only for surfaces that will be backfilled.	18.00	m2	6.85	123.30	0.00	**0.00**	0.00	18.00	0.00	**0.00**	0.00	123.30
27		**Joints MMA waterproofing with PVC waterproofing** - Procurement, cutting, mechanical fixing of metal batten Sealing of joing between batten and concrete walls by Polyrethane elastic putty type **Sikaflex 11FC by SIKA**	100.00	m1	38.00	3,800.00	0.00	**0.00**	0.00	100.00	0.00	**0.00**	0.00	3,800.00
28		**Other joints and details as needed at horizontal and vertical surfaces**	70.00	m1	41.00	2,870.00	66.60	**0.00**	66.60	3.40	2,730.60	**0.00**	2,730.60	139.40
		TOTAL Novi Sad station underpass extension				**68,435.85**								
		TOTAL (1+2)				**110,990.75**					**102,070.30**	**15,640.80**	**117,711.10**	
3		**ADDITIONAL WORKS Novi Sad station Joint detail between old construction and new construction**												
31		**Joints between old and new concrete structure waterproofing of horizontal slabs** - Placing and installation of Sika Dilatec ER 350 tape by welding with hot air on side where the PVC membrane is finished and another side of tape is inpainting in layer of SikaDur 31CF and applying of finish layer of SikaDur 31CF Normal over this side of tape	18.00	m1	91.7	1,650.60	15.48	**0.00**	15.48	2.52	1,419.52	**0.00**	1,419.52	231.08

No		Position description	quantity by offer	measuring unit	unit price EUR	total EUR	quantity	quantity	total executed	remaining	EUR	EUR	total executed EUR	remaining EUR
3.2		**Joints between old and new concrete structure waterproofing of vertical concrete walls** - Placeing and installation of Sika Dilatec BR 500 by welding with hot air on side where the PVC membrane is and welding with open flame on bitumenious side of tape. Over bitumenious side of joint installation of one bitumenious membrane as a protecting layer with overlaps by welding with open flame in width of membrane 0,5m	8.32	m1	94.00	782.08	7.80	**0.00**	7.80	0.52	733.20	**0.00**	733.20	48.88
3.3		**INJECTION of joints between old and new concrete structure of all horizontals and verticals inside** **Preparation for injection:** - Joints cutting (slitting) drilling injection wells Ø14 at an angle 45 degrees at intervals ½ wall thickness **Injecting:** -Procurement of injection mass (polyacrilic resin) Sika Injection-306 and injection into prepared dilatation conrete joints.	28.32	m1	78	2,052.96	0.00	**0.00**	0.00	28.32	0.00	**0.00**	0.00	2,052.96
		TOTAL Novi Sad station Joint detail between old construction and new construction				**4,485.64**					**2,152.72**	**0.00**	**2,152.72**	
		TOTAL with additional works				**115,476.39**					**104,223.02**	**15,640.80**	**119,863.82**	

Bn Antikor d.o.o.
ANTIKOR
DOO
BEOGRAD

for ССЕСР
Мирослав
В. Матић
дипл. грађ. инж.
2101000191 9

Investitor: CCECC Batajnički Drum 3, Belgrade

Gradilište: NS pothodnici

antikor

Objekat: TPS Novi Sad

AVGUST 2023.

Obračunski list građevinske knjige

list br. 1

Vrsta rada	Anti-vibration mat under crushed stone -Installation of anti-vibration mat plates thick 20mm under crushed stone	Grad. norma Šifra	Obrač. nacrta	Poz. predrač. 3
Jedinična cena eur	24.50	po m2	Mera	
A =	B =	A + B =	Mesečno	Ukupno
		Prenos:	**0.00**	
Antivibracione elastomerne ploče				
P = 6.00 x 26.00 = 156.00 m2				312.00
P = 6.00 x 26.00 = 156.00 m2				
P = 156.00 + 156.00 = 312.00 m2				
		UKUPNO	0.00	312.00

IZVOĐAČ

INVESTITOR

ZA PRENOS	312.00	